



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

MAGNESIUM ASPARTATE HCL TRIHYDRATE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
MT9AUP	1450	-	August 8, 2011	JGP	No. 2	MPR

CHARACTERISTICS:	White to off white powder. Soluble in water (>90 grams/100 ml @ 25°C). Contains 20.9-23.1% crystalline water. Will meet tests for Magnesium and Aspartic Acid.
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MOLECULAR FORMULA:	$C_4H_6NO_4MgCl \cdot 3H_2O$
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MOLECULAR WEIGHT:	245.90
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SPECIFICATIONS:	Assay (Magnesium content)	9.39-10.4%
	Cadmium	Less than 5 ppm
	Arsenic	Less than 3 ppm
	Lead	Less than 10 ppm
	Mercury	Less than 1 ppm
	Total plate count	3,000 cfu/g max
	Yeast and mold	Not more than 300 cfu/g
	Salmonella	Negative/25g
	Escherichia coli	Negative/g
	Coliforms	Negative/g
Staphylococcus aureus	Negative/g	

STOCKING POINTS:	Salt Lake City, UT
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PACKAGING:	25 kg carton; 27 cartons per pallet.
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APPLICATIONS:	Nutritional food supplements.
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